

FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

RPL

Entered On S R Sheet

✓

Copy NID to Field Office

✓

Location Map Pinned

✓

Approval Letter

Card Indexed

✓

Disapproval Letter

I W R for State or Fee Land

COMPLETION DATA:

Date Well Completed

3-8-62

Location Inspected

OW

WW

TA

Bond released

GW

OS

PA

State of Fee Land

LOGS FILED

Driller's Log

4-2-62

Electric Logs (No.)

2

E

I

E-I

GR

GR-N

Micro

Lat

Mi-L

Sonic

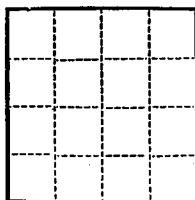
Others

quantitative

(DST Chart)

Acoustic Velocity Log

Lu
1-3



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No.
Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	X	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 10, 1962

Bridger
Well No. 2 Jack is located 660 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 1,900 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. 27
NE/4 NW/4 Section 27 T27S R22E
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5,486 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

We plan to drill through the Devonian formation or to a maximum depth of 8,000 feet. Will set 60 feet 20 inch conductor, and a minimum of 300 feet 10 3/4 inch or 8 5/8 inch surface casing. Will circulate cement around surface casing. Will drill with air as long as practical. After encountering Pennsylvanian salt, will convert to salt base mud.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company E. B. LaRue, Jr.

Address 2422 Republic National Bank Bldg.

Dallas, Texas

By E. B. LaRue Jr.

Title Operator

COMPANY E. B. LA RUE, JR.

Well Name & No. _____

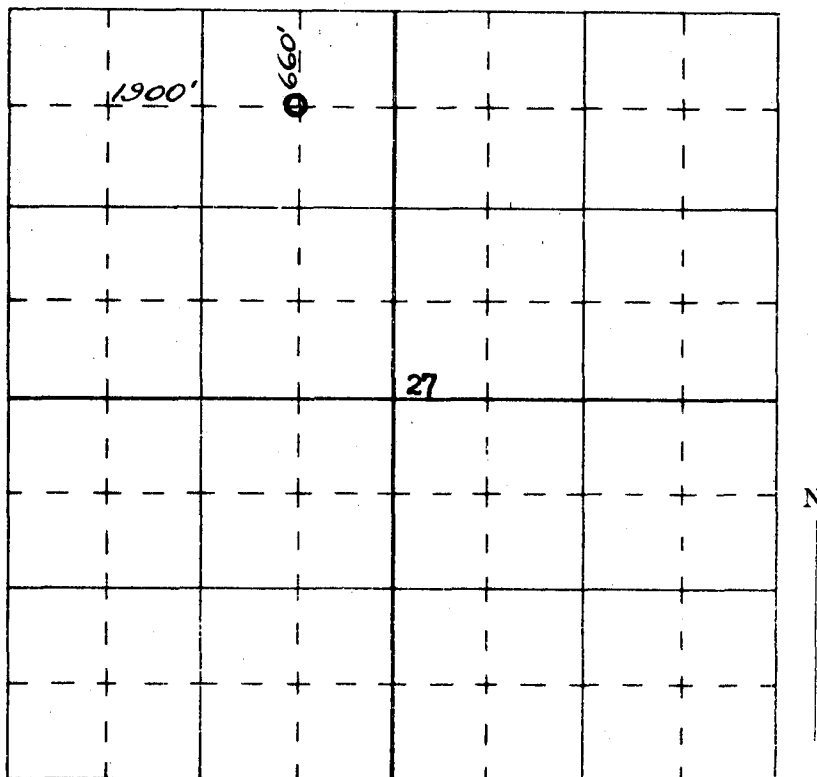
Lease No. _____

Location 660' FROM THE NORTH LINE AND 1900' FROM THE WEST LINE.

Being in NE¹/₄ NW¹/₄

Sec. 27, T 27 S, R 22 E, S.L.M. SAN JUAN COUNTY, UTAH

Ground Elevation 5476.0 UNGRADED



Scale — 4 inches equals 1 mile

Surveyed 2 January, 1962

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



James P. Leese
Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO

FIRST REPORTS - FOUR CORNERS AREA

Durango, Colo., District

DATE 1-17-62 Check

COUNTY S. J. STATE Utah
 COMPANY Texaco Inc. WELL NO. 1 FARM Johns Canyon Unit
 SEC. 6 TWP. 41 S RGE 18 E POOL WC DISTRICT
 Fr.N. 660 Fr.S. Fr.E. 577 Fr.W. Lines of Section
 ELEV. 6095 ft. 6106 ft. CONTRACTOR PROPOSED DEPTH 4250'
 SPUD Precambrian

App. by State
 SW-SW Exp. 12-1-71
 (L.-Open) App. 1-12-62
 U-046622-A

COUNTY S. J. STATE Utah
 COMPANY E. B. LaRue, Jr. WELL NO. 2 FARM Bridger Jack Unit
 SEC. 27 TWP. 27 S RGE. 22 E POOL WC DISTRICT
 Fr.N. 660 Fr.S. Fr.E. 1900 Fr.W. Lines of Section
 ELEV. 5476 ft. 5486 ft. CONTRACTOR PROPOSED DEPTH 8000 Dev.
 SPUD

Exp. 3-31-63?
 (L.-Humble) App.
 U-09097

COUNTY STATE
 COMPANY WELL NO. FARM
 SEC. TWP. RGE. POOL DISTRICT
 Fr.N. Fr.S. Fr.E. Fr.W. Lines of Section
 ELEV. CONTRACTOR PROPOSED DEPTH
 SPUD

January 18, 1962

E. B. LaRue, Jr.
P. O. Box 209
Athens, Texas

Dear Mr. LaRue:

We have been advised that you have filed a notice of intention to drill Bridger Jack Unit Well No. 2, Section 27, Township 27 South, Range 22 East, San Juan County, Utah with the U. S. Geological Survey.

Since we do not have a copy of the approved Bridger Jack Unit on file in this office, as provided for under Rule A-3 of our Rules and Regulations, it will be necessary for you to file a notice of intention to drill with this office and receive our approval before such well is spudded in.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE DIRECTOR

CBF:kpb

E. B. LARUE, JR.

2422 REPUBLIC NATIONAL BANK BUILDING

DALLAS, TEXAS

January 25, 1962

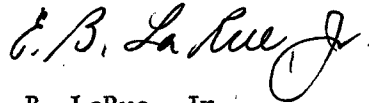
Mr. Cleon B. Feight
Executive Director
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

In reply to your letter of January 18, I am enclosing three copies of the Notice of Intention to Drill our No. 2 Bridger Jack well, San Juan County, Utah. I had been under the erroneous impression that the US Geological Survey would forward you some of the six copies we furnished them.

We would like to move in on this well within the next four days, and I will appreciate your sending approval at your earliest convenience.

Yours very truly,



E. B. LaRue, Jr.

EBL, Jr/ash

Enclosures

January 26, 1962

E. B. LaRue, Jr.
2422 Republic National Bank Bldg.
Dallas, Texas

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Bridger Jack Unit #2, which is located 660 feet from the north line and 1900 feet from the west line of Section 27, Township 27 South, Range 22 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted; however said approval is subject to a Plat being filed with this office in accordance with Rule C-4 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Under Rule A-3, the approval of this Commission is not necessary when an unexecuted copy of the unit agreement is on file with this office. In such a case, it is only necessary to file copies of all notices of intention and subsequent reports that are filed with the United States Geological Survey.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT,
EXECUTIVE DIRECTOR

CBF:kp

cc: Jerry W. Long, Dist. Eng.
U. S. Geological Survey

H. L. Coonts - OGCC, Moab

RPB RPS
E. B. LARUE, JR.

2422 REPUBLIC NATIONAL BANK BUILDING

DALLAS, TEXAS

January 29, 1962

Mr. Cleon B. Feight, Executive Director
Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

In reply to your letter of January 26, a copy of the Bridger Jack
location plat is enclosed.

Yours very truly,

E. B. LaRue, Jr.
E. B. LaRue, Jr.

EBL, Jr/ash

Enclosure

A blank 10x10 grid for graphing, consisting of 10 columns and 10 rows of squares.

U. S. LAND OFFICE _____
SERIAL NUMBER U-09097 _____
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company E. B. LaRue, Jr. Address Republic Bank Bldg., Dallas, Texas
 Lessor or Tract Bridger Field Wildcat State Utah
 Well No. 2 Jack Sec. 27 T. 27S R. 22E Meridian County San Juan
 Location 660 ft. N. of N Line and 1900 ft. E. of W Line of Section 27 Elevation 5492
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Date March 21, 1962 Signed C. B. La Rue
Title Operator

The summary on this page is for the condition of the well at above date.

Commenced drilling February 3, 1962 Finished drilling March 6, 1962

OIL OR GAS SANDS OR ZONES

3- 8-25 B-12889 and 12890 are **OIL OR GAS SANDS OR ZONES**
 3- 1-25 **Commercial oil or gas zones.** (Designated by 12889)
 No. 1, from _____ to _____ Nos. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1-25-66 to 1-22-67, of 37-124-103 (1-25-66 to 1-22-67) to
No. 2, from 3-25-66 to 26-01-67, of 37-124-103 (3-25-66 to 26-01-67) to
No. 3, from 1-25-66 to 1-22-67, of 37-124-103 (1-25-66 to 1-22-67) to
No. 4, from 1-25-66 to 1-22-67, of 37-124-103 (1-25-66 to 1-22-67) to

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----

Adapters—Material	Size
-------------------	------

SHOOTING RECORD

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____

Put to producing Per. 3-8-62, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment.

Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Moran Brothers, Driller

_____, Driller

_____, Driller

_____, Driller

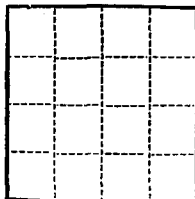
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1230			Shinarump
1370			Moenkopi
3165			Hermosa
4905			Paradox
5275			Paradox Salt
5440 to 5450			Sylvite No. 1
7355			Base Salt
7480			Molsa Shale
7525			Mississippian
7905			Total Depth
FROM—	TO—	TOTAL FEET	FORMATION

[OVER]

FORMATION RECORD—Continued

16-43094-5



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Navajo Tribal**

Lease No. **4-09097**

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 22, 1962

Well No. **2** **Bridger** is located **660** ft. from **{N}** line and **1,900** ft. from **{E}** line of sec. **27**

NE 1/4 **Section 27** **T27S** **R22E** (Meridian)
(1/4 Sec. and Sec. No.) (Twp.) (Range)
Wildest (Field) **San Juan County** (County or Subdivision) **Utah** (State or Territory)

The elevation of the derrick floor above sea level is **5,486** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

- 2- 3-62 Spudded. Set 67' of 32# 16" casing.
- 2- 7-62 Cemented 1465' of 32.75#, 10 3/4" casing with 475 sacks common cement containing 6% jel and walnut hulls and 2% calcium chloride.
- 3- 1-62 Drill Stem Test No. 1. Initial shut-in 30 minutes. Open one hour. Final shut-in 30 minutes. Fair blow of air for 12 minutes. Recovered 200' of very slightly gas cut drilling mud.
- 3- 7-62 Reached 7905' Total Depth and logged well.
- 3- 8-62 Plugged and abandoned well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **E. B. Lohue, Jr.**

Address **2422 Republic Nat'l Bank Bldg.**

Dallas 1, Texas

By **E. B. Lohue, Jr.**
Title **Operator**

April 3, 1962

E. B. LaRue, Jr.
2422 Republic Nat'l Bank Bldg.
Dallas, Texas

Re: Well No. Bridger Jack Unit #2,
Sec. 27, T. 27 S., R. 22 E.,
San Juan County, Utah

Dear Mr. LaRue:

We would like to thank you for submitting the well log on the above mentioned well however, we are returning it for you to complete. Would you please include the following:

1. Amount of cement used cementing 16" casing.
2. The interval tested in DST #1.
3. The location (top and bottom) of plugs, and amount of cement in each.

Your prompt attention to the above request will be very much appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

ROBERT L. SCHMIDT,
CHIEF PETROLEUM ENGINEER

RLS:kb
Enclosure

EB
j

RJ

E. B. LARUE, JR.

2422 REPUBLIC NATIONAL BANK BUILDING

DALLAS, TEXAS

April 5, 1962

Mr. Robert L. Schmidt, Chief Petroleum Engineer
Utah Oil & Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Schmidt:

In reply to your letter of April 3, we have completed the well log as requested.

Yours very truly,

E. B. LaRue Jr.

E. B. LaRue, Jr.

EBL,Jr/ash

Enclosure

BRIDGER JACK
MICROFICHE Name

Well No. 2

Test No. 1

E. B. LA RUE
Lease Owner/Company NameATHERS, TEXAS
Owner's DistrictLegal Location
Sec. - Twp. - Rng. 27 27S 22 E

Field Area

WINDCAP

County SAN JUAN

State UTAH

Flow Time	5	Min.	2nd	Min.	Date	2-24-62	Ticket Number	189501	S
Closed In Press. Time	31	Min.	2nd	Min.	Kind of Job	OPEN HOLE	Halliburton District	CORTEZ	
Pressure Readings	Field		Office Corrected		Tester	P. H. BEAN	Witness	HARRELL BUDD	
Depth Top Gauge	6447	Ft.	No	Blanked Off	Drilling Contractor	MORAN BROS. # 7		43037-10652 275 ESE #7	
BT. P.R.D. No.	729		24	Hour Clock	Elevation	5503'	Top Packer	6457'	
Initial Hydro Mud Pressure	3475		3514		Total Depth	6533'	Bottom Packer	6462'	
Initial Closed in Pres.	310		517		Interval Tested	6533-6462'	Formation Tested	Paradox Salt	
Initial Flow Pres.	95	1	120*		Casing or Hole Size	7 7/8"	Casing Perfs.	Top Bot.	
Final Flow Pres.	140	1	115		Surface Choke	1"	Bottom Choke	3/4"	
Final Closed in Pres.	160		141		Size & Kind Drill Pipe	4 1/2" X H	Drill Collars Above Tester	I.D. - LENGTH 2 1/2" X 290'	
Final Hydro Mud Pressure	3475		3514		Mud Weight	10.2	Mud Viscosity	55	
Depth Con. Gauge	6530	Ft.	yes	Blanked Off	Temperature	118	°F Est. °F Actual	Anchor Size & Length	ID OD X
BT. P.R.D. No.	785		12	Hour Clock	Depths Mea. From	DF	Depth of Tester Valve		Ft.
Initial Hydro Mud Pres.	3545		3547		TYPE AMOUNT		Depth Back Pres. Valve		Ft.
Initial Closed in Pres.	537		534		Cushion	none			
Initial Flow Pres.	115	1	168*		Recovered	200	Feet of drilling fluid, slight gas cut		
Final Flow Pres.	140	1	138		Recovered		Feet of		
Final Closed in Pres.	165		156		Recovered		Feet of		
Final Hydro Mud Pres.	3545		3547		Oil A.P.I. Gravity		Water Spec. Gravity		
Depth Bot. Gauge		Ft.		Blanked Off	Gas Gravity		Surface Pressure		psi
BT. P.R.D. No.				Hour Clock	Tool Opened	4:07 AM	A.M. P.M.	Tool Closed	6:13 AM A.M. P.M.
Initial Hydro Mud Pres.					Remarks	Tool opened with a good blow on first flow			
Initial Closed in Pres.						closed for a 31 minute ICIP. Reopened tool with			
Initial Flow Pres.		1				good blow for 12 mins and died, dead for 10 mins.			
Final Flow Pres.		2				very weak blow for remainder of test.			
Final Closed in Pres.						* Questionable			
Final Hydro Mud Pres.									

FORMATION TEST DATA

9

Gauge No. 729			Depth 6447			Clock 2 hour		Ticket No. 189501		
First Flow Period			Initial Closed In Pressure			Second Flow Period		Final Closed In Pressure		
Time Defl. .000"	PSIG Temp. Corr.		Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. .000"	PSIG Temp. Corr.	Time Defl. .000"	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
P ₀	.000	129*	.000		115	.000	92	.000		125
P ₁	.016	115	.0117		245	.218	125	.109		141
P ₂			.0234		339					
P ₃			.0351		376					
P ₄			.0468		406					
P ₅			.0585		427					
P ₆			.0702		443					
P ₇			.0819		464					
P ₈			.0936		480					
P ₉			.1053		501					
P ₁₀			.1170		517					

Gauge No. 785			Depth 6530			Clock 12 hour				
P ₀	.000	168*	.000		138	.000	110*	.000		142
P ₁	.030	138	.0205		256	.392	142	.224		156
P ₂			.0410		357					
P ₃			.0615		494					
P ₄			.0820		422					
P ₅			.1025		443					
P ₆			.1230		459					
P ₇			.1435		478					
P ₈			.1640		497					
P ₉			.1845		513					
P ₁₀			.2050		534					
Reading Interval			3.1					Minutes		

REMARKS: * Questionable

SPECIAL PRESSURE DATA

43-037-10652
295-228-27



● Your.....

Formation Testing Service Report



189501-729

← TIME →



189501-785